

# C600/C605 Series 4 1/8" Frame Depth Casement (Project-Out)

## C600/C605 SERIES CASEMENT (PROJECT-OUT)

### FEATURES

- ◇ **Framing System**
  - Patented OptiCore Technology
  - Architectural grade aluminum frame
  - Dual Euro-Groove frame system
- ◇ **Enhanced Design**
  - Azo-Core Thermal Barrier System for reduced thermal-conductivity and increased energy-efficiency
  - Modern, squared frame glazing
  - 2 7/8" narrow sitalines
  - With or without Integral Nailing Fin
- ◇ **Glazing**
  - 1" insulating glass
  - Dual-sealed Warm Edge Super Spacer system
- ◇ **Hardware**
  - Heavy-commercial Amesbury/Truth lock and crank-out system
- ◇ **Screen**
  - Easily removable FlexScreen system carries a lifetime warranty

### BENEFITS

- ◇ Capacity to match exterior colors for unique project facades
- ◇ Two-tone capabilities with a color to match the building interior and another to match the exterior
- ◇ Maximum sizing affords the facilitation of large sizes for taller and wider window openings
- ◇ Thermal performances never thought achievable in aluminum windows

### PERFORMANCE

- ◇ **Structural & Thermal** (test reports available upon request)

Model	Casement (Project-Out)	
	AW-PG100-C	AW-PG70-C
NAFS Rating	AW-PG100-C	AW-PG70-C
Test Size	36" x 60"	48" x 84" (Maximum)
Design Pressure (P.S.F.)	150.38	105.26
Air Infiltration at 25 MPH (cfm/ft <sup>2</sup> )	<0.10	
Water Resistance (P.S.F.)	15.04	12.11
CR (Condensation Resistance)	51-79	
U-Value (ranges based on multiple Low-E/Argon combinations)	0.20-0.32	
SHGC (ranges based on multiple Low-E/Argon combinations)	0.11-0.44	
OITC/STC	28-35 / 28-41	

### OPTIONS

- ◇ **Available Configurations**
  - Project-out Casement (Left or Right)
  - Continuous frame capabilities
- ◇ **Enhanced Design**
  - Traditional/Historic beveled frame glazing (C605 Series)
- ◇ **Muntin Choices**
  - Internal or simulated divided lites available
- ◇ **Hardware and Screen**
  - ADA Hardware
  - Limited travel hardware
  - Retractable screen systems
- ◇ **Glazing**
  - Multiple Low-E and argon glazing choices
  - Impact-rated glazing package
  - Glazing pocket can accept up to 1 3/8" insulating glass for sound attenuation purposes
  - Triple glazing
  - WACI Blind System
  - Capillary tubes
  - Wide variety of tinting and pane thickness options
- ◇ **Panning & Trim Choices**
  - Wide variety of panning, receptor and trim available
- ◇ **Mulling**
  - Wide variety of structural mulls

Operating Force (per ASTM E2068):

AW-PG100-C: Initiate motion - 36 N (8 lbf)

Maintain motion - 18 N (6 lbf)

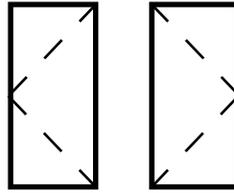
AW-PG70-C: Initiate motion and Maintain motion - 13 N (3 lbf)

CR, U-Value and SHGC values shown are a range based on Quaker's most popular glass package options in all-window testing (not center-of-glass testing). Test results were achieved with no grids. The addition of optional grids may cause the results to vary slightly. Other available glass options may result in scores outside of the range shown.

OITC/STC ranges are based on the use of multiple glass pane thicknesses.

Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry:



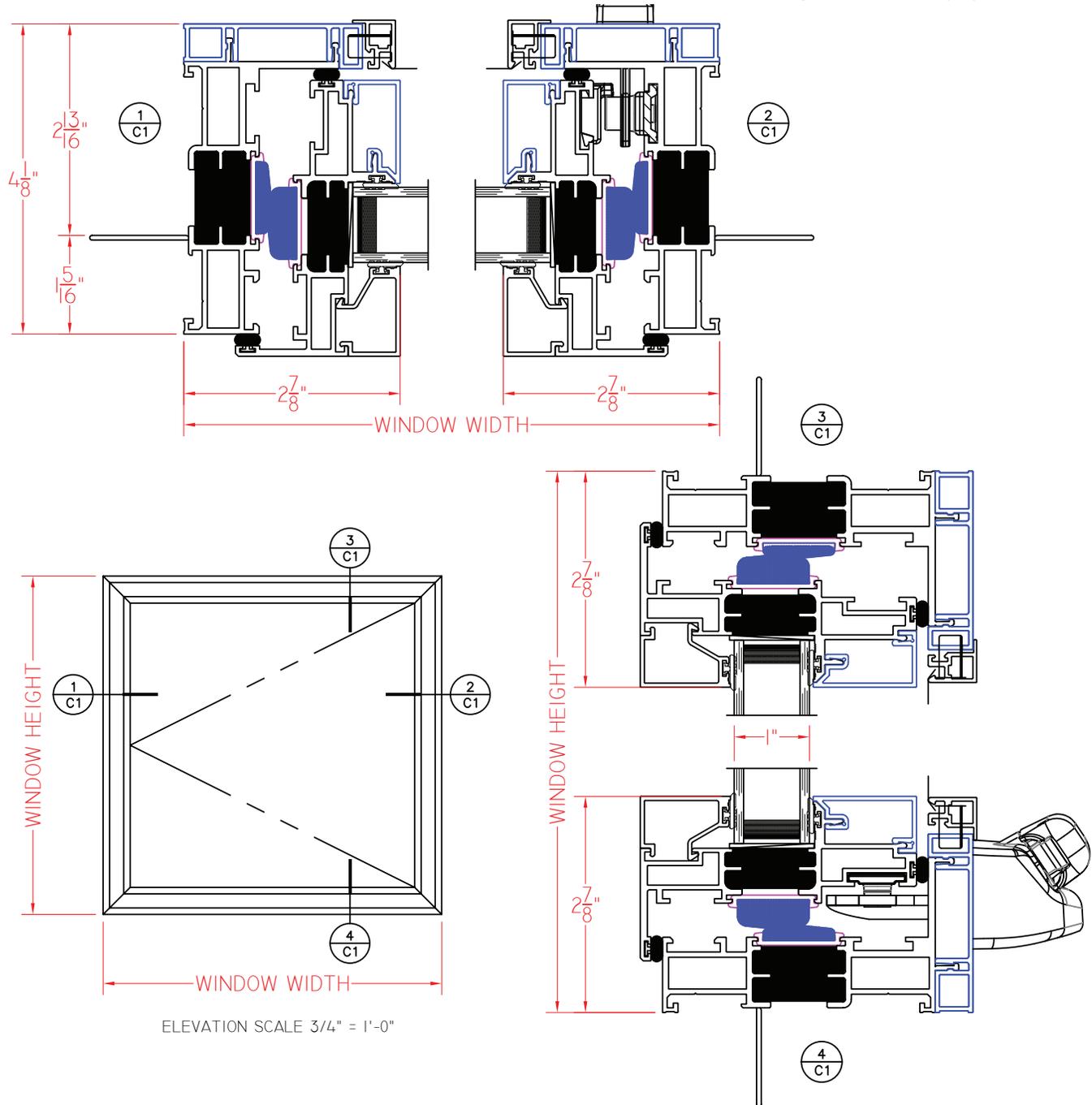


# C600 Series 4 1/8" Frame Depth Casement (Project-Out)

## C600 SERIES CASEMENT

WITH NAILING FIN, SQUARE  
GLAZING STOPS AND ROTO  
HARDWARE

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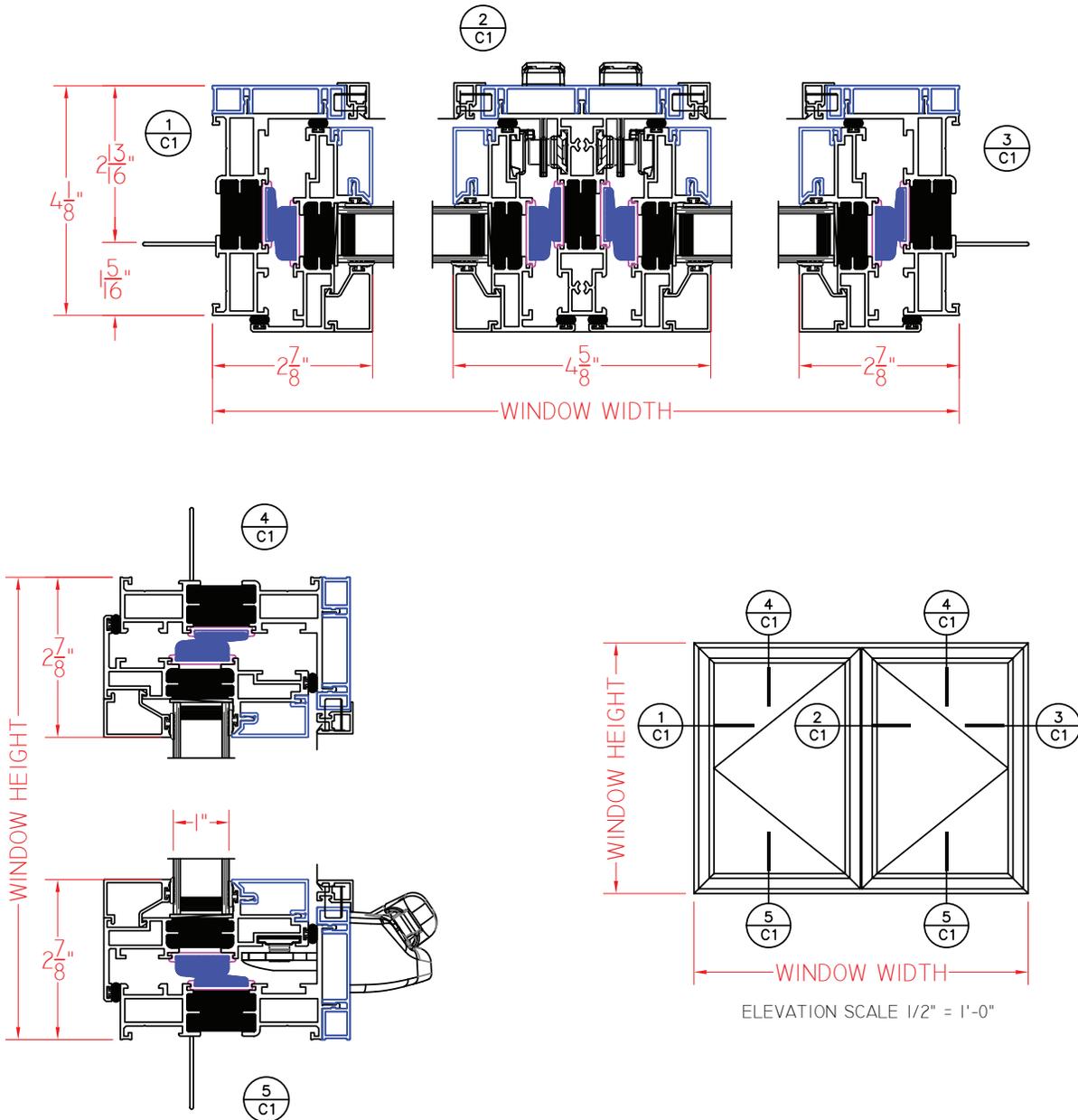
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**C600 SERIES CASEMENT-CASEMENT**

**WITH NAILING FIN, SQUARE  
GLAZING STOPS AND ROTO  
HARDWARE**

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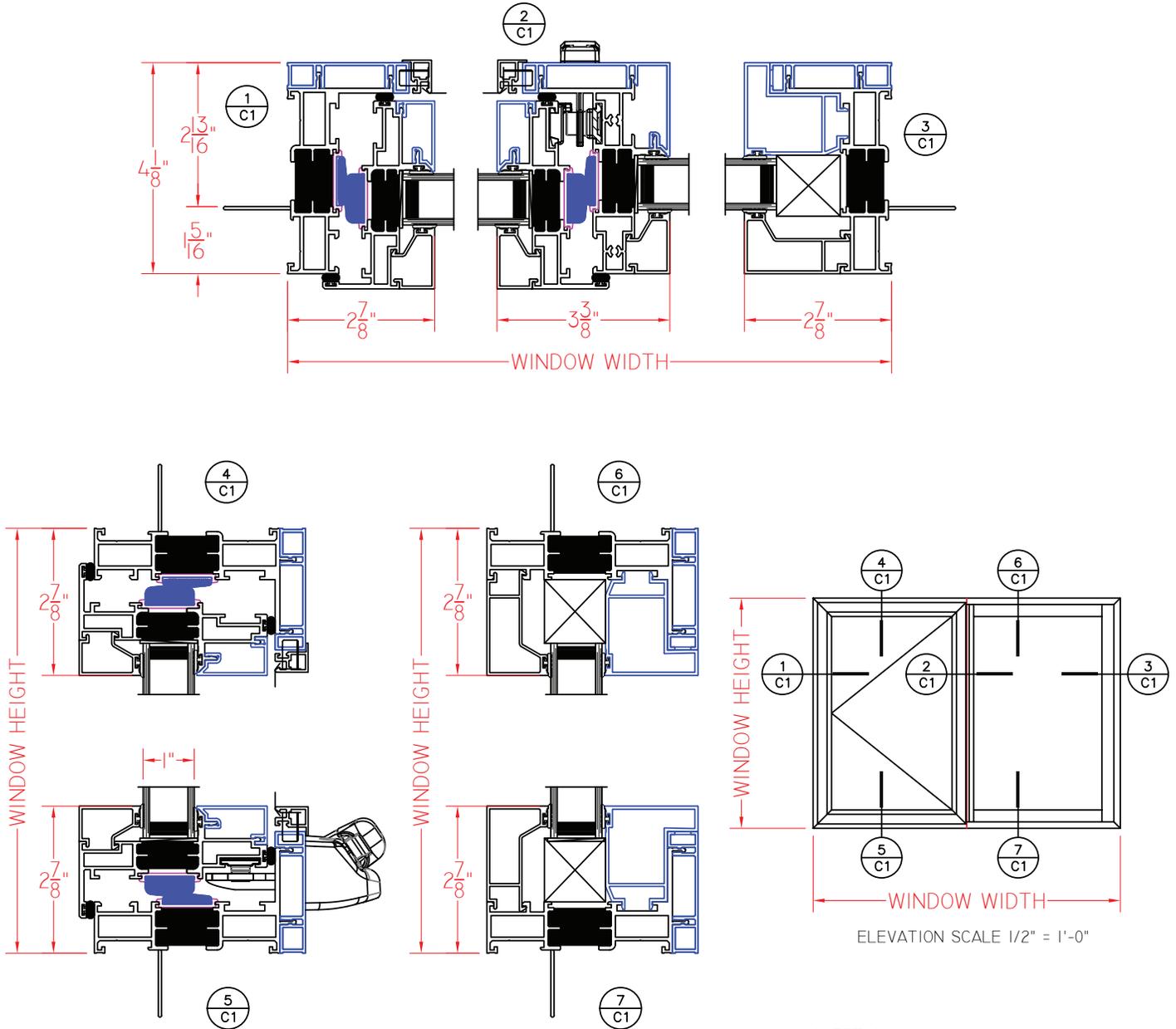


SHEET C1  
SCALE 1:3

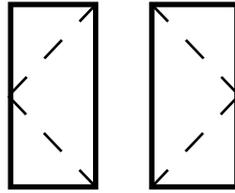
**C600 SERIES CASEMENT-FIXED**

**WITH NAILING FIN, SQUARE GLAZING STOPS AND ROTO HARDWARE**

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SHEET C1  
SCALE 1:3

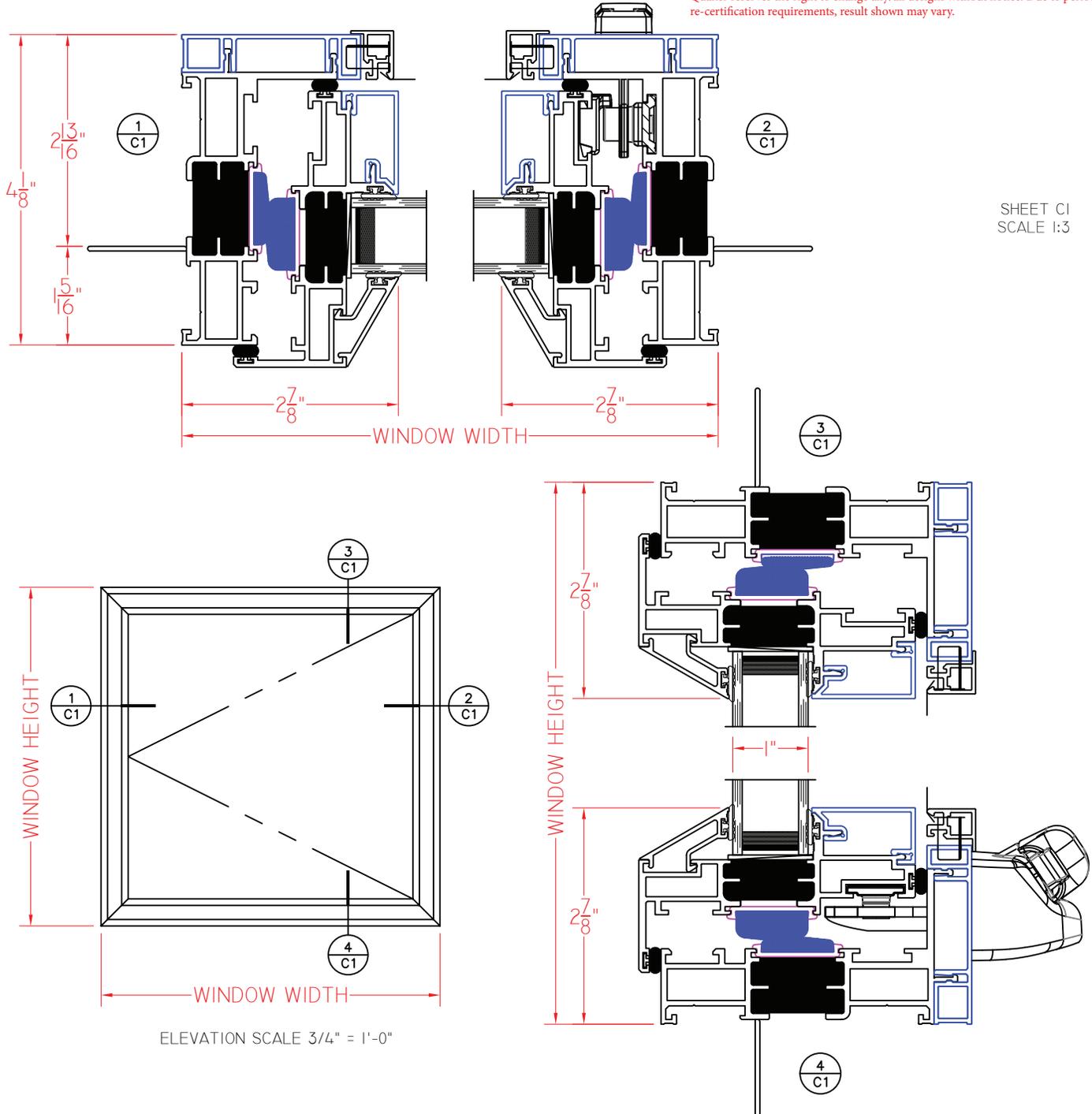


# C605 Series 4 1/8" Frame Depth Casement (Project-Out)

## C605 SERIES CASEMENT CRANK OUT

WITH NAILING FIN, BEVELED  
GLAZING STOPS AND ROTO  
HARDWARE

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SHEET C1  
SCALE 1:3

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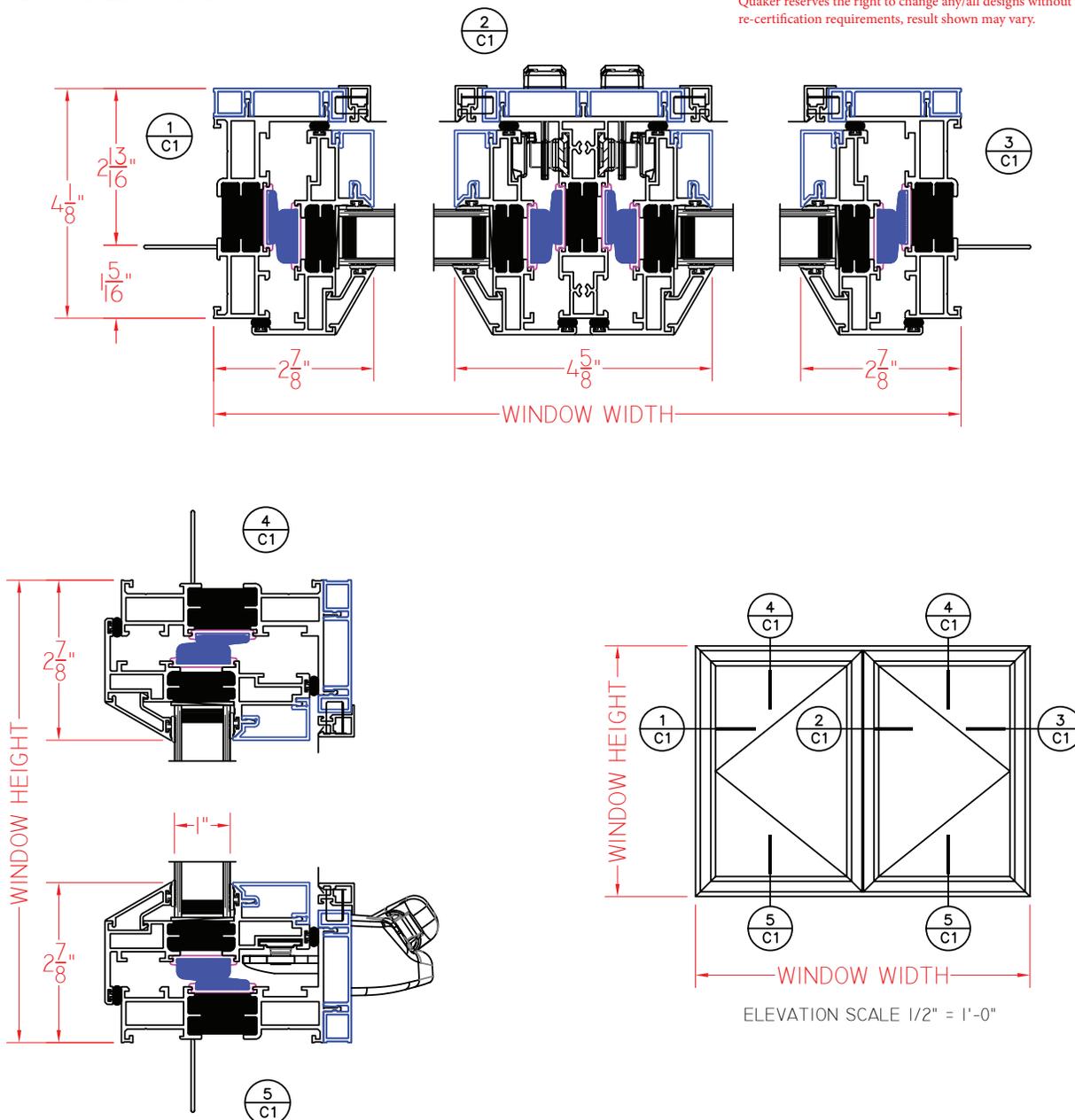


# C605 SERIES CASEMENT-CASEMENT

WITH NAILING FIN, BEVELED  
GLAZING STOPS AND ROTO  
HARDWARE

Shown With Nailing Fins  
and Bevel Exterior

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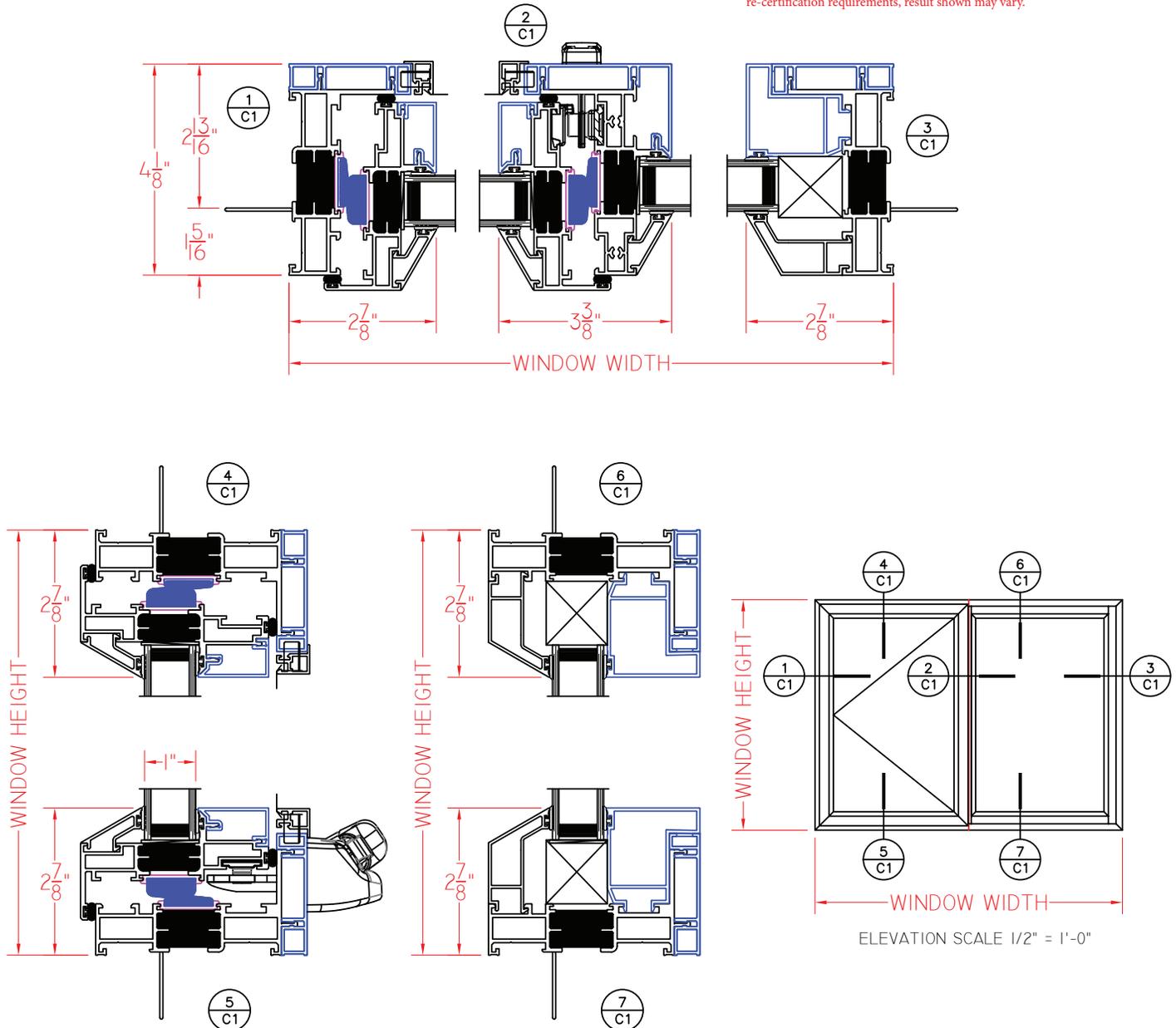
SHEET C1  
SCALE 1:3

**C605 SERIES CASEMENT-FIXED**

**WITH NAILING FIN, BEVELED  
GLAZING STOPS AND ROTO  
HARDWARE**

Shown With Nailing Fins  
and Bevel Exterior

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SHEET C1  
SCALE 1:3